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7590 12/31/2003

VOLENTINE FRANCOS, P.L.L.C.
Suite 150
12200 Sunrise Valley Drive
Reston, VA 20191

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/608,339	06/30/2003	Sang-Kee Kim	SEC.1068	8764

TITLE OF INVENTION: ION IMPLANTING APPARATUS FOR MANUFACTURING SEMICONDUCTOR DEVICES

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	03/31/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
LEYBOURNE, JAMES J	2881	250-492210

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
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2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Volentine Francos, PLLC
2
3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Samsung Electronics Co., Ltd.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Suwon-si, Gyeonggi-do, Republic of Korea

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☒ corporation or other private group entity ☐ government

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(Authorized Signature) Adam C. Volentine (Date) 3-30-04
33,289

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04/01/2004 HASFAW2 00000116 10608339

01 FC:1501
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TRANSMITTAL OF PAYMENT OF ISSUE FEE (Large Entity)

(37 C.F.R. 1.311)

Docket No.

SEC.1068

Applicant(s): Sang-Kee Kim

MAR 30 2004

Serial No.

10/608,339

Filing Date

06/30/2003

Examiner

J. LEYBOURNE

Group Art Unit

2881

Confirmation No.

8764

Invention: ION IMPLANTING APPARATUS FOR MANUFACTURING SEMICONDUCTOR DEVICES

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Alexandria, VA 22313-1450

Transmitted herewith are the following for the above-identified application.

☒ Issue Fee Transmittal Form PTOL-85☒ Utility Fee: \$ 1330.00 ☐ Design Fee: ☐ Plant Fee:☒ Publication Fee: \$ 300.00☒ A check in the amount of \$1,645.00 is attached.☒ The Director is hereby authorized to charge and credit Deposit Account No. 50-0238 as described below.☐ Charge the amount of☒ Credit any overpayment.☒ Charge any additional fee required.
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Dated: MARCH 30, 2004

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REG. NO. 33289

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